

XHTML/CSS Module in 2 parts

So as to familiarize yourself with the basics of XHTML and CSS, I want you to walk through the following module. This will be due at the end of class today. Please save the files on a web server and email me the addresses of your final products.



Part 1: Playing with Text and Understanding Elements

Open a text editor and create two new documents. In one document type the following (use any text you want, must make sure to have the headers and paragraphs). DO NOT CUT AND PASTE as it will screw up the character set.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

  <meta http-equiv="content-type" content="text/html;
  charset=utf-8" />

  <title>Your Name's Module</title>

  <link rel="stylesheet" type="text/css" href="module.css" />

</head>

<body>

  <h1>
  Heikki Lunta: The Snow God!
  </h1>

  <p class="first">
  In 1970, during the early days of the reawakening of
  Finnish ethnic consciousness in North America, a chance
  radio advertisement created a now-popular folk character in
  the Finnish ethnic community on the Keweenaw Peninsula of
  Upper Michigan This character, Heikki Lunta [hay'-key
  loon'-ta], was originally presented in a song, and
  immediately became a parcel of the local cultural life.
  </p>

  <p class="second">
  Heikki Lunta stands as a metaphor for many things, and as
  his uses continue to grow, so do his meanings from person
```

to person He can cross ethnic, economic, and geographic lines, but his survival in folklore depends on those who first imagined him, the residents of the Upper Peninsula.

```
</body>  
</html>
```

Save this document as module.html (in your studentwebsites folder or other public space). Now in your other document, type the following:

```
body {background-color: #CCCC99;}  
  
h1 {font-size: 24px;  
font-weight: bold;  
font-family: geneva, tahoma, sans-serif;  
color: #FFCCFF; }  
  
.first {font-size: 18px;  
font-family: geneva, tahoma, sans-serif;  
line-height: 24px;  
color: #FFFFFF;  
background-color: #666666; }  
  
.second {font-size: 10px;  
font-family: times, serif;  
color: #000000;  
border: 2px solid; }
```

Save this document in the same place as the HTML document but call it: module.css

Preview the HTML document in a browser to see how it looks. It should look like this: <http://www.wsu.edu/~arola/477/spring08/module.html>. If it doesn't, problem solve!

Now, try to do the following:

Visit: the book or http://www.w3schools.com/css/css_examples.asp or a page from our resources for help.

- 1) change the font color of the header
- 2) put a border around the header
- 3) put a background color behind the header
- 4) make the first and second paragraph the same font size and color
- 5) get rid of the border in the second paragraph and put a background color instead
- 6) add a new paragraph. Create a new style for it.
- 7) save and text for validation at <http://validator.w3.org/>. If it's not valid, problem solve.
- 8) Send me the address to your final version.



Part 2: Positioning

There is a lot going on in the following code, but it will give you a model to work off of when you're thinking about positioning and making links.

In your text editor open two documents. In one document, type the following:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
  <meta http-equiv="content-type" content="text/html;
  charset=utf-8" />
```

```
  <title>Your Name's Module Part 2</title>
```

```
  <link rel="stylesheet" type="text/css" href="module2.css"
  />
```

```
</head>
```

```
<body>
```

```
<div id="container">
```

```
  <div id="header">
  <h1>Go Cougs!</h1>
  </div>
```

```
  <div id="floater">
  <p class="snow">
  Change the browser size and notice where I stay. Am I
  positioned absolutely, relative, or fixed?
  (pg 178-180 of our text)
  </p>
  </div>
```

```
  <div id="words">
  <p>
  Do you really think the cougars are as good as their
  record? I'm wondering. I mean, they almost lost to
  Oregon, they lost to Arizona, and barely beat ASU.
  something something Do you really think the cougars are as
  good as their record? I'm wondering. I mean, they almost
  lost to Oregon, they lost to Arizona, and barely beat ASU.
  something something
  </p>
```

```

</div>

<div id="navbar">
<ul>
<li><a href="link.html">a link to nowhere</a></li>
<li><a href="link.html">a link to nowhere</a></li>
<li><a href="link.html">a link to nowhere</a></li>
</ul>
</div>

</div>

</body>
</html>

```

Save this document as module2.html. Now in the other document, create a css file by typing the following:

```

body                {background-color: #CCCC99}

#container          {width: 750px;
                    height: 400px;
                    background-color: #FFFFFF;
                    margin-left: auto;
                    margin-right: auto;}

#header            {position: relative;
                    top: 20px;
                    left: 15px;}

h1                 {font-size: 50px;
                    font-weight: bold;
                    font-family: geneva, tahoma, sans-serif;
                    color: #FFCCFF;}

#words             {font-size: 18px;
                    font-family: geneva, tahoma, sans-serif;
                    line-height: 24px;
                    color: #FFFFFF;
                    background-color: #666666;
                    width: 300px;
                    position: relative;
                    top: 50px;
                    left: 400px;}

#floater           {position: absolute;
                    top: 15px;
                    left: 50px;
                    background-color: #FFCCFF;
                    border: 5px #000000;}

```

```

.snow          {font-size: 12px;
                font-weight: bold;
                font-family: geneva, tahoma, sans-serif;
                color: #FFFFFF;}

#navbar       {position: absolute;
                width: 120px;
                top: 150px;
                left: 120px;
                padding-left: 0;
                margin-left: 0;
                border-bottom: 1px solid gray;}

#navbar ul    {margin: 0;
                padding: 5px;
                font-size: 18px;
                font-family: sans-serif;
                text-align: right;}

#navbar li    {list-style: none;
                margin: 0;
                padding: 5px;
                border-top: 1px solid gray;}

#navbar a     {color: #999999;
                text-decoration: none;}

#navbar a:hover {color: #666666;}

```

Save this document in the same place as the HTML document, but call it module2.css.

Preview the page and see how it looks. It SHOULD look like this:

<http://www.wsu.edu/~arola/477/spring08/module2.html>

Now, try to do the following:

Visit: the book or http://www.w3schools.com/css/css_examples.asp or a page from our resources for help.

Visit: <http://css.maxdesign.com.au/index.htm> for info on making different nav bars

- 1) play with the top and left tags in the different divs (in the css) and see where it moves the section in the browser. For eg, go into the CSS and in the #header change the top to 100px and the left to 50px)
- 2) get rid of the pink floater (the "how am I positioned" div) in the HTML and CSS
- 3) change the background color of the #words div, also change the font color within this div
- 4) make the first and second paragraph the same font size and color
- 5) try to make the nav bar look different (try the above link for some ideas)
- 6) save and test for validation at <http://validator.w3.org/>. If it's not valid, problem solve.
- 7) Send me the final address